ABSTRACT

A concentrator which can be used for Internet telephone. A terminal is connected to a terminal interface. A line interface is connected to Internet by using a network such as a public line. A communication function unit

5   controls the input/output of a voice signal in the terminal interface and the line interface, and of an Internet Protocol (IP) packet. A conversion unit converts the IP packet and the voice signal to each other. A memory stores the IP address of the concentrator. A connection establishing unit establishes the connection between a terminal and another terminal by

10   allowing the communication function unit to transmit an IP datagram including the IP address of the concentrator to the network. A determining unit determines whether or not the terminal connected to the terminal interface is capable of the IP communication.